

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/701,536 A
Source: IFW/6
Date Processed by STIC: 10/15/04

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/701,536A

DATE: 10/15/2004

TIME: 10:50:37

Input Set : A:\64907 repl.seq.txt
 Output Set: N:\CRF4\10152004\I701536A.raw

3 <110> APPLICANT: The Government of the United States of America as
 4 represented by the Secretary of the Department of Health and
 5 Human Services, Centers for Disease Control and Prevention
 6 Chang, Gwong-Jen J.
 8 <120> TITLE OF INVENTION: NUCLEIC ACID VACCINES FOR PREVENTION OF FLAVIVIRUS INFECTION
 10 <130> FILE REFERENCE: 6395-64907-01
 12 <140> CURRENT APPLICATION NUMBER: US 09/701,536A
 C--> 13 <141> CURRENT FILING DATE: 2001-06-18
 15 <150> PRIOR APPLICATION NUMBER: US 60/087,908
 16 <151> PRIOR FILING DATE: 1998-06-04
 18 <150> PRIOR APPLICATION NUMBER: PCT/US99/12298
 19 <151> PRIOR FILING DATE: 1999-06-03
 21 <160> NUMBER OF SEQ ID NOS: 17
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 48
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Synthetic sequence
 34 <220> FEATURE:
 35 <221> NAME/KEY: CDS
 36 <222> LOCATION: (25)..(48)
 38 <400> SEQUENCE: 1
 39 cttggtaacct cttagagccgc cgcc atg ggc aga aag caa aac aaa aga 48
 40 Met Gly Arg Lys Gln Asn Lys Arg
 41 1 5
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 8
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Synthetic Construct
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 54 Met Gly Arg Lys Gln Asn Lys Arg
 55 1 5
 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 50
 60 <212> TYPE: DNA
 61 <213> ORGANISM: Artificial Sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: Synthetic sequence
 66 <400> SEQUENCE: 3

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67 ttttcttttg cggccgctca aacttaagca tgcacattgg tcgctaagaa      50
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72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: synthetic sequence
79 <220> FEATURE:
80 <221> NAME/KEY: misc_feature
81 <222> LOCATION: (1)..(27)
82 <223> OTHER INFORMATION: reverse complement of positions 24-50 of SEQ ID NO: 3
84 <220> FEATURE:
85 <221> NAME/KEY: CDS
86 <222> LOCATION: (1)..(27)
88 <400> SEQUENCE: 4
89 ttc tta gcg acc aat gtg cat gct taa      27
90 Phe Leu Ala Thr Asn Val His Ala
91 1          5
94 <210> SEQ ID NO: 5
95 <211> LENGTH: 8
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Synthetic Construct
102 <400> SEQUENCE: 5
104 Phe Leu Ala Thr Asn Val His Ala
105 1          5
108 <210> SEQ ID NO: 6
109 <211> LENGTH: 7
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Part of plasmid
116 <400> SEQUENCE: 6
117 tatataa      7
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121 <211> LENGTH: 77
122 <212> TYPE: DNA
123 <213> ORGANISM: artificial sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Multicloning site
128 <400> SEQUENCE: 7
129 ggtaccgagc tcggatccag tagtaacggc cgccagtgtg ctggaattct gcagatatcc   60
131 atcacactgg cggccgc      77
134 <210> SEQ ID NO: 8
135 <211> LENGTH: 48
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:

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140 <223> OTHER INFORMATION: Synthetic sequence
 143 <220> FEATURE:
 144 <221> NAME/KEY: CDS
 145 <222> LOCATION: (25)..(48)
 147 <400> SEQUENCE: 8
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 149 Met Arg Ser His Asp Val Leu Thr
 150 1 5
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 154 <211> LENGTH: 8
 155 <212> TYPE: PRT
 156 <213> ORGANISM: Artificial Sequence
 158 <220> FEATURE:
 159 <223> OTHER INFORMATION: Synthetic Construct
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 164 1 5
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 168 <211> LENGTH: 41
 169 <212> TYPE: DNA
 170 <213> ORGANISM: Artificial Sequence
 172 <220> FEATURE:
 173 <223> OTHER INFORMATION: Synthetic sequence
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 180 <211> LENGTH: 24
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 188 <220> FEATURE:
 189 <221> NAME/KEY: misc_feature
 190 <222> LOCATION: (1)..(24)
 191 <223> OTHER INFORMATION: reverse complement of positions 18 through 41 of SEQ ID NO: 8
 193 <220> FEATURE:
 194 <221> NAME/KEY: CDS
 195 <222> LOCATION: (1)..(24)
 197 <400> SEQUENCE: 11
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 199 Leu Ser Leu Gly Val Gly Ala
 200 1 5
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 205 <212> TYPE: PRT
 206 <213> ORGANISM: artificial sequence
 208 <220> FEATURE:
 209 <223> OTHER INFORMATION: Synthetic Construct
 211 <400> SEQUENCE: 12

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222 <220> FEATURE:
223 <223> OTHER INFORMATION: Synthetic sequence
226 <220> FEATURE:
227 <221> NAME/KEY: CDS
228 <222> LOCATION: (25)..(54)
230 <400> SEQUENCE: 13
231 cttggtagctt ctagagccgc cgcc atg tct aaa aaa aga gga ggg acc aga      51
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233                      1             5
235 tcg
236 Ser
237 10
240 <210> SEQ ID NO: 14
241 <211> LENGTH: 10
242 <212> TYPE: PRT
243 <213> ORGANISM: Artificial Sequence
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246 <223> OTHER INFORMATION: Synthetic Construct
248 <400> SEQUENCE: 14
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251 1      5          10
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255 <211> LENGTH: 38
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Synthetic sequence
262 <400> SEQUENCE: 15
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266 <210> SEQ ID NO: 16
267 <211> LENGTH: 21
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Synthetic sequence
275 <220> FEATURE:
276 <221> NAME/KEY: misc_feature
277 <222> LOCATION: (1)..(21)
278 <223> OTHER INFORMATION: Reverse complement of positions 18 through 38 of SEQ ID NO:
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280 <220> FEATURE:
281 <221> NAME/KEY: CDS
282 <222> LOCATION: (1)..(21)
284 <400> SEQUENCE: 16

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Input Set : A:\64907 repl.seq.txt
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286 Ala Thr Ser Val Gln Ala
287 1 5
290 <210> SEQ ID NO: 17
291 <211> LENGTH: 6
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Synthetic Construct
298 <400> SEQUENCE: 17
300 Ala Thr Ser Val Gln Ala
301 1 5

VERIFICATION SUMMARY

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DATE: 10/15/2004

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Input Set : A:\64907 repl.seq.txt

Output Set: N:\CRF4\10152004\I701536A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date